

AMENDMENTS TO THE SPECIFICATION

Please amend specification paragraph 22, as follows:

[0022] Optionally, the apparatus 10 may include other components, e.g., pumping cylinders or other mechanisms (not shown) coupled to the drive cylinders 12, 32 such that the drive cylinders 12, 32 ~~[[42]]~~ may provide power to pump concrete or other flowable materials. In addition, the apparatus 10 may include a hopper or other container (not shown) for holding the material being pumped. Furthermore, a frame or other support structure (not shown) may be provided for supporting one or more of the components of the apparatus 10. The frame may be stationary or may be included on a trailer or vehicle, as is well known to those skilled in the art.

Please amend specification paragraph 31, as follows:

[0031] The actuator 66 may include a processor or other circuitry that may be coupled via a communication line 63 to the pressure sensor(s) 100 within the pump 50 for acquiring pressure data and moving the body 64 in response to data measured by the sensor(s) 100, as discussed further below. Alternatively, the actuator 66 may be coupled to other sensors (not shown) for monitoring other parameters of the cylinders 12, 32 or elsewhere in the apparatus 10. For example, power of force output by the cylinders 12, 32 may be monitored in addition to or instead of pressure, and the actuator 66 may move the body 64 based upon the monitored parameter(s).

Please amend specification paragraphs 34 and 35, as follows:

[0034] The body 64 may include passages that extend between the pump ports 68, 70 and ports 76, 78, 80, 82 when the body 64 is in one or more positions within the

housing 62. In addition, the body 64 may include one or more transfer passages that may be used to connect the drive cylinders 12, 32 to one another. For example, as shown in FIG. 1A, in a first position, passages 84, 86 extend between pump ports 68, 70 and ports 80, 82, respectively. In the first position, transfer passage 94 connects ports 76, 78 to one another. In a second position, shown in FIG. 1B, passages 84, 86 extend between pump ports 68, 70 and ports 76, 78, and transfer passage 88 connects ports 80, 82 to one another.

[0035] Thus, with reference to FIGS. 1A, 2A, and 3, when the valve 60 is in the first position, the apparatus 10 is configured for "rod-side operation." During rod-side operation, fluid from the pump 50 may be delivered through the lines 72, 74, the passages 90, 92 within the valve 60, and the lines 30, 49 into the rod-side chambers 22, 42 ([not shown,]see FIG. 3) of the cylinders 12, 32. Rod-side operation may be preferred in situations in which the apparatus 10 requires relatively high volumes of material to be delivered at relatively low pressures.

Please amend specification paragraph 38, as follows:

[0038] During head-side operation, fluid from the pump 50 may be delivered from the outlet 56 and/or inlet 58, through the lines 72, 74, the passages 84, 86 within the valve 60, and the lines 28, 48 into the head-side chambers 20, 40 ([not shown,]see FIG. 3) of the drive cylinders 12, 32. If fluid is delivered into the head-side chamber 20 of the first cylinder 12, i.e., through the port 24, the piston 18 may be pushed away from the head-side chamber 20, thereby advancing the rod 19 out of the first cylinder 12. This action pushes fluid out of the rod-side chamber 22 of the first cylinder 12, i.e., out the port 26, through the line 30, the transfer passage 88, the line 49, and into the rod-side

chamber 42 of the second cylinder 32 via the port 46. As fluid enters the rod-side chamber 42, the piston 38 is pushed away from the rod-side chamber 42, thereby retracting the rod 39 into the second cylinder 32. This causes fluid to exit the head-side chamber 40 via the port 44, and pass through the line 48, the passage 86, the line 74 to the inlet 58 and into the pump 50.